

as 8. (NEW) A power distribution transmission having one mechanical and one hydraulic power branch, a hydraulic pump (1) and a hydraulic motor (3) being interconnected in the hydraulic power branch and retained in a transmission housing (7) via elastic damping elements (5) and only in the area in which they are interconnected are said hydraulic pump (1) and said hydraulic motor (3) connected via damping elements (5) with a transmission housing (7), and said hydraulic pump (1) and said hydraulic motor (3) communicate with said mechanical power branch via shafts (12, 17) which are floatingly supported, wherein said shafts (12, 17) have one of crowned teeth and spiral gearing at connecting points (14, 19).

9. (NEW) The power distribution transmission according to claim 8, wherein toothed wheels (13, 16), which are connected via shafts (12, 17) with a hydraulic pump (1) and a hydraulic motor (3), are supported by bearings (15, 20) in a transmission housing (7).

10. (NEW) The power distribution transmission according to claim 8, wherein said hydraulic motor (3) is connected via an intermediate plate (2) with said hydraulic pump (1) which has receptacles (4) for said damping elements (5).

11. (NEW) The power distribution transmission according to claim 10, wherein said receptacles (4) for said damping elements (5) are radially disposed around an axis of rotation (9) of said hydraulic pump (1).

12. (NEW) The power distribution transmission according to claim 8, wherein said hydraulic motor (3) is connected via an intermediate plate (2) with said hydraulic pump (1) which has centering receptacles (110) for centering said intermediate plate (2) in a transmission housing (7).

13. (NEW) The power distribution transmission according to claim 8, wherein said damping elements are situated in one plane.